

Form PTO-1390  
(Rev. 01-2003)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

MAR 21 2005

ATTORNEY'S DOCKET NUMBER  
IPE-051

U.S. APPLICATION NO.  
10/524,892 (unofficial)

INTERNATIONAL APPLICATION NO.  
PCT/JP2003/010488

INTERNATIONAL FILING DATE  
August 20, 2003

PRIORITY DATE CLAIMED  
August 21, 2002

TITLE OF INVENTION  
MODIFIED SUBSTRATE AND PROCESS FOR PRODUCING MODIFIED SUBSTRATE

DATE  
March 21, 2005

APPLICANT(S) FOR DO/EO/US  
Yoshiyuki UENO, Hiroshi TAKAHASHI and Hiroyuki SUGAYA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  
(\* pages and \* sheets of drawings (Fig(s). \*-\*)
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. *Not received.*
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. Application No. 10/524,892 (unofficial)		International Application No. PCT/JP2003/010488		Attorney's Docket No. IPE-051	
				CALCULATIONS	PTO USE ONLY
The following fees are submitted:					
21. <input type="checkbox"/> Basic National Stage Fee . . . . . \$300.00					
22. <input type="checkbox"/> Examination fee If international preliminary examination report prepared by UPSTO and all claims satisfy provisions of PCT Article 33(1)-(4) . . . . . \$100.00 All other situations . . . . . \$200.00					
23. <input type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority . . . . . \$100.00 International Search Report prepared and provided to the Office . . . . . \$400.00 All other situations . . . . . \$500.00					
TOTAL OF 21, 22 AND 23 =				\$	0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
National Stage Application Size Fee - If the specification and drawings exceed 100 sheets, the application size fee due is \$250.00 for each additional 50 sheets or fraction thereof.					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20		x \$ 50.00	\$	0.00
Indep. claims	- 3		x \$ 200.00	\$	0.00
Multiple dependent claim(s) (if applicable)			+ \$ 360.00	\$	0.00
TOTAL OF ABOVE CALCULATIONS =				\$	0.00
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	0.00
SUB TOTAL =				\$	0.00
Processing fee \$130.00 for furnishing the English translation Adjustment date: 08/18/2005 months from the earliest claimed priority date (37 CFR 1.492(e)) 03/08/2005 WCLAYBRO 00000005 03-FC-1613					
TOTAL NATIONAL FEE =				\$	130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	40.00
TOTAL FEES ENCLOSED =				\$	130.00
03/25/2005 MKAYPAGH 00000148 10524892					
01 FC:1617 130.00 OP					
				Amount to be refunded:	\$
				charged	\$
<p>a. <input checked="" type="checkbox"/> Payment in the amount of <u>\$170.00</u> is authorized by credit card (PTO-2038).</p> <p>b. <input type="checkbox"/> Check in the amount of <u>\$*.00</u> to cover the above fees is enclosed.</p> <p>c. <input type="checkbox"/> Please charge my Deposit Account No. <u>111833</u> in the amount of \$_____ to cover the above fees.</p> <p>d. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>111833</u>.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>KUBOVCIK &amp; KUBOVCIK The Farragut Building Suite 710 900 17th Street, N.W. Washington, D.C. 20006</p> </div> <div style="width: 45%; text-align: right;"> <p>Signature Keiko Tanaka Kubovcik Name 40,428 Registration Number March 21, 2005 Date</p> </div> </div>					